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L4: Entry 1 of 2

File: EPAB

Feb 27, 1985

PUB-NO: EP000133510A1

DOCUMENT-IDENTIFIER: EP 133510 A1

TITLE: Method for the distillation separation of an azeotropic mixture.

PUBN-DATE: February 27, 1985

INVENTOR-INFORMATION:

NAME	COUNTRY
KAIBEL, GERD	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
BASF AG	DE

APPL-NO: EP84108721

APPL-DATE: July 24, 1984

PRIORITY-DATA:

INT-CL (IPC): B01D 3/36; B01D 3/40
EUR-CL (EPC): B01D003/36; B01D003/40

ABSTRACT:

1. A process for separating a mixture which is azeotropic or behaves almost azeotropically and is difficult to separate by distillation, into two pure or substantially pure fractions by distillation, by adding a further component, using a procedure which is similar to extractive distillation and is carried out in a distillation column, a section of which is divided into a feed part and a take-off part by a separating means which is effective in the longitudinal direction and prevents cross-mixing of liquid streams and/or vapor streams, wherein the azeotropic mixture is fed in part-streams to the feed part and to the take-off part, in each case at or near the top, and one of the two pure or substantially pure fractions is removed as overhead product from the distillation column, and the other fraction is removed as side product from the take-off part, the side product passing from the feed part into the take-off part only at the lower end of the separating means.

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L3: Entry 1 of 2

File: EPAB

Nov 28, 1984

PUB-NO: EP000126288A2

DOCUMENT-IDENTIFIER: EP 126288 A2

TITLE: Method of carrying out chemical reactions and for the simultaneous fractionation of a mixture into several fractions by a distillation column.

PUBN-DATE: November 28, 1984

INVENTOR-INFORMATION:

NAME

COUNTRY

KAIBEL, GERD

N/A

ASSIGNEE-INFORMATION:

NAME

COUNTRY

BASF AG

DE

APPL-NO: EP84104208

APPL-DATE: April 13, 1984

PRIORITY-DATA:

INT-CL (IPC): B01D 3/00; B01J 10/00

EUR-CL (EPC): B01D003/14

ABSTRACT:

1. A method of carrying out a chemical reaction and simultaneously separating a product mixture into several fractions by means of a distillation column which, in parts, is divided into a reaction section and a distillation section by separating means which are effective in the longitudinal direction and prevent cross-mixing of liquid and/or vapor streams, wherein two or more reactants and, where relevant, a catalyst are fed into the reaction section (3), and at the same time one or more medium-boiling fractions, which can consist of reactants and/or reaction products and are free, or substantially free, from contamination by overhead and bottom fractions, are taken off in vapor or liquid form from the distillation section (4).

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L2: Entry 1 of 2

File: EPAB

Oct 24, 1984

PUB-NO: EP000122367A2
DOCUMENT-IDENTIFIER: EP 122367 A2
TITLE: Distillation column.

PUBN-DATE: October 24, 1984

INVENTOR-INFORMATION:

NAME	COUNTRY
KAIBEL, GERD	N/A

INT-CL (IPC): B01D 3/16
EUR-CL (EPC): B01D003/14; C07C007/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	IOMC	Draw Desc	Clip Img	Image
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 2. Document ID: DE 3302525 A, EP 122367 A, JP 59142801 A

L2: Entry 2 of 2

File: DWPI

Jul 26, 1984

DERWENT-ACC-NO: 1984-189990
DERWENT-WEEK: 198431
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TITLE: Distillative fractionation column - provides intermediate components from centre zone contg. partition preventing cross-mixing of media

PRIORITY-DATA: 1983DE-3302525 (January 26, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 3302525 A	July 26, 1984	N/A	015	N/A
<u>EP 122367 A</u>	October 24, 1984	G	000	N/A
JP 59142801 A	August 16, 1984	N/A	000	N/A

INT-CL (IPC): B01D 3/32; C07C 7/04; C10G 7/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	IOMC	Draw Desc	Image
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